Hazard Communication

Globally Harmonized System of Classification and Labeling of Chemicals



Sample Label

Chemical labels and accompanying Safety Data Sheets are going through significant changes. They are being "harmonized" with a new international system, Globally Harmonized System of Classifying and Labeling of Chemicals (GHS). The new chemical labels are required to have:

- 1. Product identifier
- 2. Supplier identification
- 3. Precautionary statement: Provides information about how to prevent exposure to a chemical, how to respond to exposure, and how to store the chemical properly.
- 4. Pictogram: A symbol that is intended to quickly convey specific information about the hazards of a chemical It is a black symbol on a white background within a red diamond.
- Signal word: Indicates the severity of the hazard.
 WARNING used for less severe hazards
 DANGER used for severe hazards
- **6. Hazard statement:** Describes the nature of the hazard.
- Supplemental information: Contains extra information like direction for use and size of the container.

1. Product	identifier		
Product Name	!		
	r identification		
Company Nam	ne		
Street Address	5		
City	State	Postal Code	Country_
Emergency Ph	one Number		

3. Precautionary statement

Keep container tightly closed. Store in a cool, well-ventilated place that is locked.

Keep away from heat/sparks/open flame. No smoking.

Only use non-sparking tools.

Use explosion-proof electrical equipment.

Take precautionary measures against static discharge.

Ground and bond container and receiving equipment.

Do not breathe vapors.

Wear protective gloves.

Do not eat, drink or smoke when using this product.

Wash hands thoroughly after handling.

Dispose of in accordance with local, regional, national, international regulations as specified.

In Case of Fire: use dry chemical (BC) or Carbon Dioxide (CO2) fire extinguisher to extinguish.

First Aid

If exposed call Poison Center.

If on skin (or hair): Take off immediately any contaminated clothing. Rinse skin with water.

4. Pictograms



5. Signal word

DANGER

6. Hazard statement

Highly flammable liquid and vapor.
May cause liver and kidney damage.

7. Supplemental information

Directions for Use

Fill weight:	Lot Number:	
Gross weight:	Fill Date:	
Expiration Date:		

Safety Data Sheets

The new Safety Data Sheets (SDS) will contain a 16-section standardized format.

Section 1. Identification

Section 2, Hazard(s) identification

Section 3, Composition/information on ingredients

Section 4, First-aid measures

Section 5, Fire-fighting measures

Section 6, Accidental release measures

Section 7, Handling and storage

Section 8, Exposure controls/personal protection

Section 9, Physical and chemical properties

Section 10, Stability and reactivity

Section 11, Toxicological information

Section 12, Ecological information*

Section 13, Disposal considerations*

Section 14, Transport information*

Section 14, mansport information

Section 15, Regulatory information*

Section 16, Other information

*Note: Since other Agencies regulate this information, OSHA will not be enforcing Sections 12 through 15 (29 CFR 1910.1200(q)(2)).